

**CUSTOMER NO.: 24498****Ser. No. 10/564,940****Final Office Action dated: 08/07/08****Response dated: 10/06/08****PATENT****PU030226****RECEIVED****CENTRAL FAX CENTER****OCT 06 2008****Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (previously presented) An apparatus for generating drive signals comprising:  
an input for receiving a sync signal, said sync signal comprising a first interval containing one or more of a first type of timing pulses and a second interval during which said first type of timing pulses are not present;  
means for generating an output, said generating means providing a drive signal, said drive signal containing one or more of a second type of timing pulses wherein the leading and trailing edges of said second type of timing pulses are substantially coincident with the leading and trailing edges of said first type of timing pulses during said first interval and wherein said drive pulses are lower in frequency and shorter in pulse width during said second interval.
2. (previously presented) The apparatus as cited in claim 1 wherein said sync signal is horizontal sync and said drive signal is horizontal drive.
3. (original) The apparatus as cited in claim 2 wherein said horizontal sync and said horizontal drive are NTSC signals.
4. (original) The apparatus as cited in claim 2 wherein said horizontal sync and said horizontal drive are not NTSC signals.
5. (previously presented) The apparatus as cited in claim 1 further comprising:  
a plurality of monostable multivibrators disposed between said input and said output of said apparatus wherein said monostable multivibrators are configured in a ring arrangement having an output of a first monostable multivibrator connected to an input of a second monostable multivibrator and an output of said second monostable multivibrator connected to a first input of said first monostable multivibrator, and wherein said input sync signal is connected to

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a second input of said first monostable multivibrator and said output drive signal is derived at an output of said first monostable multivibrator.

6. (previously presented) The apparatus cited in claim 5 wherein;

said first input to said first monostable multivibrator is a reset input.

7. (previously presented) The apparatus cited in claim 5 wherein;

said second monostable multivibrator exhibits a predetermined pulse duration that is less than the pulse width of said input sync signal; and the sum of the pulse width of said first monostable multivibrator and the pulse width of said second monostable multivibrator is greater than the period of said input sync signal.

8. (original) The apparatus as cited in claim 5 wherein: at least one of said plurality of monostable multivibrators is of a retriggerable variety.

9. (currently amended) A method for generating drive signals comprising the steps of:

examining a sync signal for the presence of one or more sync pulses;

outputting said one or more sync pulses as drive pulses if when said sync pulses are present; and

enabling ~~a free-running~~ an oscillator to output one or more drive pulses if only when said sync pulses are not present.

10. (previously presented) The method cited in claim 9 wherein: the output of said free-running oscillator contains drive pulses of a shorter duration than sync pulses, and the repetition frequency of said free-running oscillator output is lower than that of said sync pulses.

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11. (previously presented) The method cited in claim 9 wherein:  
said sync signal is horizontal sync and said drive signal is horizontal drive.

12. (original) The method cited in claim 11 wherein:  
said sync signal and said drive signal are NTSC signals.

13. (original) The method cited in claim 11 wherein:  
said sync signal and said drive signal are not NTSC signals.

14. (previously presented) Means for generating a drive signal  
comprising:  
oscillator means for generating a drive signal when no input sync signal is  
present;  
means for transmitting sync pulses from said input sync signal to said drive  
signal when said sync pulses are present; and  
means for disabling said oscillator means when said sync pulses are  
present.

15. (previously presented) Means for generating a drive signal cited in  
claim 14 wherein:  
said input sync signal is horizontal sync and said drive signal is horizontal  
drive.

16. (original) Means for generating a drive signal cited in claim 15  
wherein:  
said sync signal and said drive signal are NTSC signals.

17. (original) Means for generating a drive signal cited in claim 15  
wherein:  
said sync signal and said drive signal are not NTSC signals.